## **REMARKS**

The present invention relates to solar modules comprising at least one solar cell, a front side composed of a transparent polyurethane and a rear side and to a process for the production of such solar modules.

Applicants confirm their election to prosecute Claims 1-8 directed to the solar modules in response to the Examiner's requirement under 35 U.S.C. § 121. Claims 9-11 will be cancelled upon receipt of a notice that Claims 1-8 are allowable.

Claims 1-3 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Vaverka et al (U.S. Patent 5,667,595). Applicants respectfully traverse this rejection.

<u>Vaverka et al</u> discloses solar modules containing a front **glass** plate, a rear support plate and solar cells placed between these plates. The hollow space between the plates is filled with a cast polyether-polyurethane resin.

Applicants' claimed invention requires a front "side" composed of transparent polyurethane. "Side" is defined in Webster's New Collegiate Dictionary at page 1077 (copy enclosed) as "a surface forming a border or face of an object" or "an outer portion of something considered as facing in a particular direction <the upper side of a sphere>".

Vaverka et al does not teach a solar module having a front side composed of transparent polyurethane. The front side of the Vaverka et al solar module is composed of glass.

The teachings of Vaverka et al do not therefore anticipate Applicants' claimed invention.

Withdrawal of this rejection is therefore requested.

Claims 4-6 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Vaverka et al (U.S. Patent 5,667,595) as applied to Claim 1 above and further in view of Shiomi et al (U.S. Patent 6,245,987). Applicants respectfully traverse this rejection.

As has already been discussed, <u>Vaverka et al</u> requires a front side which is composed of glass and **not** the transparent polyurethane required in Applicants' claimed invention. Vaverka et al does not contain any teaching which would lead

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one skilled in the art to modify the disclosed solar modules to replace the glass front plate with any other material much less the transparent polyurethane required in the present invention.

Shiomi et al discloses solar cell modules but does **not** teach or suggest a solar cell module having a front side composed of transparent polyurethane.

The teachings of Shiomi et al and Vaverka et al can not therefore be combined in any manner which would lead one skilled in the art to a solar module having a front side composed of transparent polyurethane. The combined teachings of Vaverka et al and Shiomi et al do not therefore support the rejection of Applicants' claimed invention which requires a front side composed of transparent polyurethane.

Withdrawal of this rejection is therefore requested.

Claims 7-8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Vaverka et al (U.S. Patent 5,667,595) as applied to Claim 1. Applicants respectfully traverse this rejection.

As has already been discussed, <u>Vaverka et al</u> does not disclose a solar module having a front side composed of transparent polyurethane as is required in the present invention. Nor does Vaverka et al suggest that the glass plate required in the reference solar modules could be replaced with any other material, much less transparent polyurethane.

The teachings of Vaverka et al can not therefore be construed in any manner which would render obvious Applicants' invention requiring a transparent polyurethane front side.

Withdrawal of this rejection is therefore requested.

In view of the above remarks, reconsideration and allowance of Claims 1-8 are respectfully requested.

Respectfully submitted,

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## New Collegiate Dictionary

A Merriam-Webster®

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SIAMESE CAT and darker

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o OHG sippa : related by

sex: broadly ee of genetic : a group of sed ancestor compact dog ia for use as a lamute

is held sick-en\'sik-an\'vb\ sick-ened; sick-en-ing \-(-a-)nin\'vl\ 1: to make sick\' 2: to cause revulsion in as a result of weariness or satiety  $\sim vi$ \ 1: to become sick\' 2: to become weary or satiated sick-en-er\'\sik(-a)-nar\' n\':\ something that sickens, disgusts, or overwhelms

sick-en-er \sikt-3)-ilor\ n
overwhelms
sick-en-ing \-nin\ adj : causing sickness : NAUSEATING <a. ~
sick-en-ing \-nin\-le\ adv
odor> — sick-en-ing-ly \-nin\-le\ adv
sick-er \sik-ar\ adj (ME siker, fr. OE sicor; akin to OHG sichor
secure; both fr. a prehistoric WGmc word borrowed fr. L securus
secure; both fr. a prehistoric WGmc word borrowed fr. L securus
secure; chiefly Scot : SECURE. SAFE: also : DEPNDABLE — sicker

secure; both fr. a prehistoric WGmc word borrowed fr. L securus secure] chiefly Scot: SECURE. SAFE: also: DEPENDABLE—sicker adv sick-enly \text{-le} adv. chiefly Scot: in a secure manner: SAFELY sick headache n: MIGRAINE sick headache n: Sick head no s

sick-le-CELL TRAIT

sick-ly \sik-le\ adj

: somewhat unwell: also: habitually ailing

le produced by or associated with sickness <a ~ complexion > <a
complexi

wholesome <a ~ climate> 4: appearing as if sick: a: LAN.
GUID. PALE <a ~ flame> b: wrettched. Uneasy <a ~ smile>
c: lacking in vigor: weak <a ~ plant> <~ beer> 5 a
: tending to produce nausea
: tending to produce nausea
sick.li-ness n — sick.ly or sick.li-ly \sik.l-l\(\bar{c}\) adv
sick.li-ness n — sick.ly.ing: to make sick or sickly
sick.ness \sik.nass \n 1 a: ill health: ILLNESS b: a disordered, weakened, or unsound condition (as of society or a particular institution) 2: a specific disease 3: NAUSEA. QUEASINESS
sick pay n: salary or wages paid to an employee while on sick leave

leave sick-room \'sik-rüm, -,rüm\ n: a room in which a person is confined by sickness sic pas-sim \'sik-'pas-om. 'sēk-'päs-im\ adv [L]: so throughout — used of a word or idea to be found throughout a book or a writer's work

work

sid-dur \'sid-ər, -\u00e4\u00e4\u00e4\u00e4\r\ n, pl sid-du-rim \sə-'d\u00fcr-əm\ [MHeb

sidd\u00fcr, lit., order, arrangement]: a Jewish prayer book containing
both Hebrew and Aramaic prayers used in the Ashkenazic daily

work
siddur \sid-ar, \( \nu \text{iu} \) it. \( \text{ord} \) r \( n \), \( p \) is id-du-rim \sabdur-am \ [MHeb \) sidd\( u \), \( \text{li.t.} \), \( \text{ord} \), \( \text{arangement] : a Jewish prayer book containing both Hebrew and Aramaic prayers used in the Ashkenazic daily liturgy

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turniture naving compartments and sherves for morning arters of table service side-burns \-bernz\ n pl [anagram of burnsides] 1 : SIDE whiskers: esp : short side-whiskers worn with a smooth chin 2 : continuations of the hairline in front of the ears — side-burned

ər further a back ā bake ä cot, cart ch chin e less ē easy g gift i trip î life ŋ sing ō flow o flaw oi coin th thin th this a abut gù out i joke yü few yu furious ù foot y yet ii loot